

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Canning (reg. 35,470) on 9/1/2009.

The application has been amended as follows:

**In the claims:**

Per claim 1:

In line 9, after "one class" --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 7:

In line 2, "object" has been replaced with –objects--.

Per claim 8:

In line 2, "object" has been replaced with –objects--.

Per claim 11 has been canceled.

Per claim 13:

In line 1, “Java” has been replaced with –JAVA--.

In line 2, “Verilog” has been replaced with –VERILOG--.

Per claim 14:

In line 9, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 15:

In line 9, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 16:

In line 12, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 22:

In line 2, “object” has been replaced with –objects--.

Per claim 23:

In line 2, “object” has been replaced with –objects--.

Per claim 26 has been canceled.

Per claim 28:

In line 1, “Java” has been replaced with –JAVA--.

In line 2, “Verilog” has been replaced with –VERILOG--.

Per claim 37:

In line 12, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 38:

In line 12, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Per claim 39:

In line 9, after “one class” --, wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures—has been added.

Claim 40 has been canceled.

**In the specification:**

In page 5 of the original disclosure, in line 13, after “device with a processor and” – a medium-- has been added.

*Examiner’s Statement of Reason(s) for Allowance*

2. Claims 1, 3, 5-10, 12-16, 18-25, 27-30, and 37-39 (renumbered as 1-28) are allowed.
3. The following is an examiner's statement of reasons for allowance:

The closest prior arts of record, taken alone or in combination, fail to teach or fairly suggest at least: providing, via a programming language, a language processor with built-in support for a parse tree data structure written in a base language...wherein said assignment function is used to identify in-place operations by examining a type of operator at a root of said parse tree structures recited in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to INSUN KANG whose telephone number is (571)272-3724. The examiner can normally be reached on M-R 7:30-6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis A. Bullock, Jr. can be reached on 571-272-3759. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Insun Kang/  
Primary Examiner, Art Unit 2193